

(12) United States Patent

Jonsson et al.

(54) AMBULATORY ULTRAFILTRATION DEVICE WITH CONTROL UNIT PROGRAMMED TO CONTROL A DRIVE FLUID PUMP TO PERFORM ULTRAFILTRATION

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(57)ABSTRACT

An ambulatory ultrafiltration device includes a blood filter that has a blood side or fluid communication with the vascular system of the subject, an ultrafiltrate side, and a semipermeable membrane disposed between the blood side and the ultrafiltrate side. The ambulatory ultrafiltration also includes a buffer vessel in fluid communication with the blood side of the blood filter, and a blood pump. The blood (Continued)

